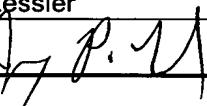


Please type a plus sign (+) inside this box → Approved for use through 10/31/2002. OMB 0651-0032
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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UTILITY PATENT APPLICATION TRANSMITTAL <i>(Only for new nonprovisional applications under 37 CFR 1.53(b))</i>		Attorney Docket No. 03725/100L984-US1													
		First Inventor	Kunitaka, HIROSE												
		Title	NOVEL PROTEINS AND NOVEL GENES ENCODING THE SAME												
		Express Mail Label No. S. PTO													
APPLICATION ELEMENTS <i>See MPEP chapter 600 concerning utility patent application contents.</i>		ADDRESS TO: MS Patent Application Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450 1/510													
1. <input checked="" type="checkbox"/> Fee Transmittal Form (e.g., PTO/SB/17) <i>(Submit an original, and a duplicate for fee processing)</i> 2. <input type="checkbox"/> Applicant claims small entity status. <i>See 37 CFR 1.27.</i> 3. <input checked="" type="checkbox"/> Specification [Total Pages 42] <i>(preferred arrangement set forth below)</i> - Descriptive title of the invention - Cross Reference to Related Applications - Statement Regarding Fed Sponsored R & D - Reference to sequence listing, a table, or a computer program listing appendix - Background of the Invention - Brief Summary of the Invention - Brief Description of the Drawings (if filed) - Detailed Description - Claim(s) - Abstract of the Disclosure 4. <input type="checkbox"/> Drawing(s) (35 U.S.C. 113) [Total Sheets] 5. Oath or Declaration [Total Pages 3] a. <input type="checkbox"/> Newly executed (original or copy) b. <input checked="" type="checkbox"/> Copy from a prior application (37 CFR 1.63(d)) <i>(for continuation/divisional with Box 18 completed)</i> i. <input type="checkbox"/> DELETION OF INVENTOR(S) <i>Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).</i> 6. <input checked="" type="checkbox"/> Application Data Sheet. See 37 CFR 1.76		7. <input type="checkbox"/> CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix) 8. Nucleotide and/or Amino Acid Sequence Submission <i>(if applicable, all necessary)</i> a. <input checked="" type="checkbox"/> Computer Readable Form (CRF) b. Specification Sequence Listing on: i. <input type="checkbox"/> CD-ROM or CD-R (2 copies); or ii. <input checked="" type="checkbox"/> paper c. <input checked="" type="checkbox"/> Statements verifying identity of above copies													
ACCOMPANYING APPLICATIONS PARTS <table border="0"> <tr> <td>9. <input type="checkbox"/> Assignment Papers (cover sheet & document(s))</td> <td>10. <input type="checkbox"/> 37 CFR 3.73(b) Statement <i>(when there is an assignee)</i></td> <td><input type="checkbox"/> Power of Attorney</td> </tr> <tr> <td>11. <input type="checkbox"/> English Translation Document (if applicable)</td> <td>12. <input checked="" type="checkbox"/> Information Disclosure Statement (IDS)/PTO-1449</td> <td><input type="checkbox"/> Copies of IDS Citations</td> </tr> <tr> <td>13. <input checked="" type="checkbox"/> Preliminary Amendment</td> <td>14. <input checked="" type="checkbox"/> Return Receipt Postcard (MPEP 503) <i>(Should be specifically itemized)</i></td> <td>15. <input type="checkbox"/> Certified Copy of Priority Document(s) <i>(if foreign priority is claimed)</i></td> </tr> <tr> <td>16. <input type="checkbox"/> Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i).</td> <td>17. <input type="checkbox"/> Other: _____</td> <td>Applicant must attach form PTO/SB/35 or its equivalent.</td> </tr> </table>				9. <input type="checkbox"/> Assignment Papers (cover sheet & document(s))	10. <input type="checkbox"/> 37 CFR 3.73(b) Statement <i>(when there is an assignee)</i>	<input type="checkbox"/> Power of Attorney	11. <input type="checkbox"/> English Translation Document (if applicable)	12. <input checked="" type="checkbox"/> Information Disclosure Statement (IDS)/PTO-1449	<input type="checkbox"/> Copies of IDS Citations	13. <input checked="" type="checkbox"/> Preliminary Amendment	14. <input checked="" type="checkbox"/> Return Receipt Postcard (MPEP 503) <i>(Should be specifically itemized)</i>	15. <input type="checkbox"/> Certified Copy of Priority Document(s) <i>(if foreign priority is claimed)</i>	16. <input type="checkbox"/> Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i).	17. <input type="checkbox"/> Other: _____	Applicant must attach form PTO/SB/35 or its equivalent.
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16. <input type="checkbox"/> Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i).	17. <input type="checkbox"/> Other: _____	Applicant must attach form PTO/SB/35 or its equivalent.													
18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76: <input type="checkbox"/> Continuation <input checked="" type="checkbox"/> Divisional <input type="checkbox"/> Continuation-in-part (CIP) of prior application No.: 10/220,862 <i>Prior application information: Examiner Not Yet Assigned Group / Art Unit: N/A</i>															
For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation <u>can only</u> be relied upon when a portion has been inadvertently omitted from the submitted application parts.															
19. CORRESPONDENCE ADDRESS															
<input type="checkbox"/> Customer Number or Bar Code Label		or <input type="checkbox"/> Correspondence address below													
Name	DARBY & DARBY P.C. Jay P. Lessler														
Address	P.O. Box 5257														
City	New York	State	NY												
Country	US	Telephone	(212) 527-7700												
Name (Print/Type)	Jay P. Lessler		Registration No. (Attorney/Agent)	41,151											
Signature			Date	November 18, 2003											

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U.S.P.T.O.

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FEE TRANSMITTAL for FY 2004

Effective 10/01/2003, Patent fees are subject to annual revision.

Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$ 770.00)

Complete if Known

Application Number	Not Yet Assigned
Filing Date	Concurrently Herewith
First Named Inventor	
Examiner Name	Not Yet Assigned
Art Unit	N/A
Attorney Docket No.	03725/100L984-US1

METHOD OF PAYMENT (check all that apply)

Check Credit Card Money Order Other None
 Deposit Account:

Deposit Account Number 04-0100

Deposit Account Name Darby & Darby P.C.

The Director is authorized to: (check all that apply)

Charge fee(s) indicated below Credit any overpayments
 Charge any additional fee(s) or any underpayment of fee(s)
 Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

FEE CALCULATION

1. BASIC FILING FEE

Large Entity Small Entity

Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	Fee Paid
1001	770	2001	385	Utility filing fee	770.00
1002	340	2002	170	Design filing fee	
1003	530	2003	265	Plant filing fee	
1004	770	2004	385	Reissue filing fee	
1005	160	2005	80	Provisional filing fee	

SUBTOTAL (1) (\$) 770.00

2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

Extra Claims	Fee from below	Fee Paid
Total Claims 6	-20** =	0.00
Independent Claims 1	-3** =	0.00
Multiple Dependent		

Large Entity Small Entity

Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description
1202	18	2202	9	Claims in excess of 20
1201	86	2201	43	Independent claims in excess of 3
1203	290	2203	145	Multiple dependent claim, if not paid
1204	86	2204	43	** Reissue independent claims over original patent
1205	18	2205	9	** Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) (\$) 0.00

** or number previously paid, if greater; For Reissues, see above

FEE CALCULATION (continued)

3. ADDITIONAL FEES

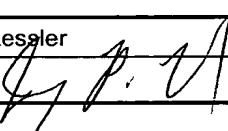
Large Entity	Small Entity	Fee Description	Fee Paid
1051	130	2051 65 Surcharge – late filing fee or oath	
1052	50	2052 25 Surcharge – late provisional filing fee or cover sheet	
1053	130	1053 130 Non-English specification	
1812	2,520	1812 2,520 For filing a request for ex parte reexamination	
1804	920*	1804 920* Requesting publication of SIR prior to Examiner action	
1805	1,840*	1805 1,840* Requesting publication of SIR after Examiner action	
1251	110	2251 55 Extension for reply within first month	
1252	420	2252 210 Extension for reply within second month	
1253	950	2253 475 Extension for reply within third month	
1254	1,480	2254 740 Extension for reply within fourth month	
1255	2,010	2255 1,005 Extension for reply within fifth month	
1401	330	2401 165 Notice of Appeal	
1402	330	2402 165 Filing a brief in support of an appeal	
1403	290	2403 145 Request for oral hearing	
1451	1,510	1451 1,510 Petition to institute a public use proceeding	
1452	110	2452 55 Petition to revive – unavoidable	
1453	1,330	2453 665 Petition to revive - unintentional	
1501	1,330	2501 665 Utility issue fee (or reissue)	
1502	480	2502 240 Design issue fee	
1503	640	2503 320 Plant issue fee	
1460	130	1460 130 Petitions to the Commissioner	
1807	50	1807 50 Processing fee under 37 CFR 1.17(q)	
1806	180	1806 180 Submission of Information Disclosure Stmt	
8021	40	8021 40 Recording each patent assignment per property (times number of properties)	
1809	770	2809 385 Filing a submission after final rejection (37 CFR 1.129(a))	
1810	770	2810 385 For each additional invention to be examined (37 CFR 1.129(b))	
1801	770	2801 385 Request for Continued Examination (RCE)	
1802	900	1802 900 Request for expedited examination of a design application	
Other fee (specify)			

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$)

SUBMITTED BY

(Complete if applicable)

Name (Print/Type)	Jay P. Lessler	Registration No. (Attorney/Agent)	41,151	Telephone	(212) 527-7765
Signature				Date	November 18, 2003

Express Mail Label No. EV340064237 US Dated: 11-18-03

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TRANSMITTAL FORM

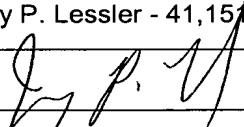
(to be used for all correspondence after initial filing)

		Application Number	Not Yet Assigned
		Filing Date	Concurrently Herewith
		First Named Inventor	Kunitaka Hirose
		Art Unit	N/A
		Examiner Name	Not Yet Assigned
Total Number of Pages in This Submission	1	Attorney Docket Number	03725/100L984-US1

ENCLOSURES (Check all that apply)

<input checked="" type="checkbox"/> Fee Transmittal Form	<input type="checkbox"/> Drawing(s)	<input type="checkbox"/> After Allowance Communication to Group
<input type="checkbox"/> Fee Attached	<input type="checkbox"/> Licensing-related Papers	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences
<input checked="" type="checkbox"/> Amendment/Reply	<input type="checkbox"/> Petition	<input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief)
<input type="checkbox"/> After Final	<input type="checkbox"/> Petition to Convert to a Provisional Application	<input type="checkbox"/> Proprietary Information
<input type="checkbox"/> Affidavits/declaration(s)	<input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address	<input type="checkbox"/> Status Letter
<input type="checkbox"/> Extension of Time Request	<input type="checkbox"/> Terminal Disclaimer	<input checked="" type="checkbox"/> Other Enclosure(s) (please identify below):
<input type="checkbox"/> Express Abandonment Request	<input type="checkbox"/> Request for Refund	Utility Patent Application Transmittal (1 page); Application Data Sheet (2 pages); Certificate of Express Mailing (1 page); Sequence listing and diskette (19 pages) (1 disk); Return Postcard; and Check in the amount of \$770.00
<input checked="" type="checkbox"/> Information Disclosure Statement	<input type="checkbox"/> CD, Number of CD(s) _____	
<input type="checkbox"/> Certified Copy of Priority Document(s)		
<input type="checkbox"/> Response to Missing Parts/ Incomplete Application		
<input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53		
Remarks		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm or Individual name	DARBY & DARBY P.C. Jay P. Lessler - 41,151
Signature	
Date	November 18, 2003

Express Mail Label No.

EV 340064237 MS Dated: 11-18-03

Certificate of Express Mailing Under 37 CFR 1.10

I hereby certify that this correspondence is being deposited with the United States Postal Service as Express Mail, Airbill No. EV 340064237 US in an envelope addressed to:

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on November 18, 2003
Date

Patricia A. Rubio
Signature

PATRICIA A. RUBIO
Typed or printed name of person signing Certificate

Note: Each paper must have its own certificate of mailing, or this certificate must identify each submitted paper.

1. Utility Patent Application Transmittal (1 page);
2. Preliminary Amendment (6 pages);
3. Information Disclosure Statement (2 pages);
4. Statement Pursuant to 37 C.F.R. § 1.821 with sequence listing and computer readable diskette (19 pages) (1 Disk);
5. Declaration and Power of Attorney (3 pages);
6. Specification (42 pages); Claims (3 pages); and Abstract (1 page);
7. Fee Transmittal form FY 2004 PTO/SB/17 (1 page);
8. Transmittal form PTO/SB/21 (1 page);
9. Return Postcard;
10. Check No. 3290 in the amount of \$770.00; and
11. Application Data Sheet (2 pages).